

LUDVIK, K.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

LUDVIK, K. Use of cables on Czechoslovak railroads. p. 272.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

LUDVÍK, M.; STEIDL, H.; VLCEK, J.

Contribution to the kinetic theory of liquids. Part 3: Solution velocity of a turbid, solid, polydisperse phase in a liquid; examination of an isothermal, non-stationary process resulting from grain disintegration. Coll Cz Chem 27 no.2:317-327 F '62.

1. Institut fur Chemie-Ingenieurwesen, Technische Hochschule fur Chemie, Prag.

LUDVIK, Otakar, inz.

Key importance of typification and standardization for further development of hydraulic mechanisms. Normalizace 11 no.11:
341-345 N 63.

1. Statni komise pro rozvoj a koordinaci vedy a techniky,
Praha.

S/194/62/000/001/037/066
D201/D305

AUTHOR: Ludvik, Stanislav

TITLE: Handling and documentation of ultrasonic data

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 1, 1962, abstract 1-5-36 y (Zváranie, 1961, 10,
no. 5, 139-142)

TEXT: When applying ultrasonic inspection to test pieces to be series-produced, it is necessary for the angle of US propagation to be evaluated separately for the material of each test piece, this angle being normally given only for steel. From its value accurate information on the defects in the manufactured part may be obtained. When cutting out the defective spots for comparison with the results of the US inspection, the use of the magnetic fluorescent or color method is suggested. CRO screen photography is widely used for recording the results of US inspection of mass produced parts. / Abstracter's note: Complete translation. /

Card 1/1

NOVAK, J.; LUDVIK, V.; NADENIK, O.

Laboratory research on accelerated coal carbonization by
solid heat carrier. Prace Ust paliv vol. 7:76-121 '64.

LUDVIK, Vaclav, inz.; BUDICKY, Josef, inz.

Technical dust control equipment in the Krivoy Rog mines. Rudy 10
no.9:309-312 S '62.

1. Rudne doly, n.p., Pribram (for Ludvik). 2. Zelenorudne bane,
n.p., Spišská Nova Ves (for Budicky).

LUDVIK, Vaclav, inz.

Organization of dust control in the Krivoy Rog mines. Rudy 10 no.9:313-
315 S '62.

1. Rudne doly, n.p., Pribram.

LUDVIKOVSKY, J.

Spontaneous massive intraperitoneal hemorrhage. Rozhl. chir.
42 no.6:391-394 Je '63.

1. Chirurgicke oddeleni OUNZ v Kromerzi, vedouci MUDr. J.
Sterba.

(HEMOPERITONEUM) (PERIARTERITIS NODOSA)
(HEPATIC COMA) (HEPATIC ARTERY)
(DOUGLAS' POUCH)

TESKA, Vlad., MUDr.; LUDVOVA, Vera

Danger of tropics and subtropics. Letecky obzor 7 no.6:174-
175 Je '63.

LUDVICKA, A.

A card index of analytic methods. p 395.
(NORMALIZACJA. Vol. 24, No. 7, July 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

LUDWICKA, A.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 1, Jan 1959.

LUDWICKA, A. Conference of the committees of the International Organization for Standardization, Technical Committee 69, in The Hague, October 15-18, 1957 p. 26.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

LUDWICKA, Antonina, mgr.

Trends of international standardization in the field of atomic
energy. Normalizacja 29 no.11/12:530-533 '61.

(Atomic energy) (International cooperation)

LUDWICKI, Henryk (Poznan)

Achievements of drug industry in the recent 10 years in the Polish
People's Republic. Acta Poloniae pharm. 11 Suppl. 23-26 1955.
(DRUG INDUSTRY,
in Poland)

WICK HENRY

Extraction of narcotins from poppy straw
Wick and Peter Górecki, Acta Polon. Pharm. 13-14-02
(1960). Finely divided, dry poppy straw (2.5 kg) was washed with 270 g. of Na₂CO₃ in 3 L of H₂O, air dried for 48 hours, and extracted with Et₂O in a Soxhlet app. The Et₂O solution (approx 10 L) was concentrated, and extracted with 620 cc. of 1% H₂SO₄. The acidic extract was neutralized to pH 4 with Na₂CO₃ and concentrated under reduced pressure at 40° to half the vol. Na₂CO₃ was added to maintain the pH at 4.

LUDWICKI, H.

POLAND/Chemical Technology - Chemical Products and Their
Application. Synthetic and Natural Medicinal Substances.
Galactics and Medicinal Forms.

H.

Abs Jour : Ref Zhur - Khimiya, № 10, 1959, 35993

Author : Ludwicki, H.

Inst :

Title : International Congress on Pharmacy.

Orig Pub : Acta polon. pharmac., 1958, 15, № 2, 143-144.

Abstract : A brief report. The congress took place in September,
1957, in Leyden, Netherlands.

Card 1/1

H - §5

DUDZIK, Zygmunt; LUDWICKI, Henryk; SZEJKO, Stanislaw

Determination of bismuth in certain compound drugs. Farmacja Pol
18 no.6:132-134 Mr '62.

1. Zaklad Lekow Galenowych, Instytut Lekow, Warszawa, Kierownik:
Dr. H. Ludwicki.

LUDWICKI, Henryk

Studies on the evaluation of the quality of various pharmaceutical forms. I. Apparatus for the measurement of the time of decomposition of dragees and tablets. Acta pol. pharm. 19 no.3:209-214 '62.

1. Z Zakladu Lekow Galenowych Instytutu Lekow w Warszawie Kierownik:
dr. H. Ludwicki.

(TABLETS) (PHARMACY equip & supply)

POLAND

DUDZIK, Zygmunt, KŁOSOWSKI, Seweryn, LUDWICKI, Henryk, and SOBICZEWSKA, Maria, Department of Galenic Drugs (Zakład Leków Galenowych), Drug Institute (Instytut Leków) in Warsaw (Director: Dr. H. LUDWICKI)

"Determination of Camphor in Some Pharmaceutical Preparations."

Warsaw, Farmacja Polska, Vol 19, No 6, 25 Mar 63, pp 110-111.

Abstract: Authors describe a colorimetric method (using Ehrlich's solution and a Pulfrich photocalorimeter (filter S 53)) to determine the amount of camphor in galenicals. They find the method reproducible, suitable for analytical laboratory, sufficiently accurate, and less cumbersome than the method recommended in Farmakopeia Polska III. There are 16 references, of which one is Polish, two are Russian, four German, and the others Western, mostly English.

1/1

POLAND

LUDWICKI, Henryk and SOBICZEWSKA, Maria, Department of Ga-
lenic Preparations (Zaklad Lekow Galenowych), Drug Institute
(Instytut Lekow) (Director: Dr. H. LUDWICKI)

"Glycerol Determination in Pharmaceutical Preparations."

Warsaw, Farmacja Polska, Vol 19, No 11-12, 25 Jun 63, pp 228-
230

Abstract: Authors discuss the difficulties of determining glycerol in complex pharmaceutical preparations, and report on their study to devise a method for glycerol determination in various Polish glycerol pharmacopeia preparations. They applied varying methods of separation, but used the method of alkalimetric method of determination of the products of its oxidation in all cases. They list the preparations studied, the methods of separation, and tabulate their findings. They found their methods repeatable and sufficiently accurate for use in the analytical laboratory. There are 24 references: one (1) each Polish, Soviet, and Czech; 6 German, and the other Western.

1/1

11

LIPINSKI, Boleslaw; LUDWICKI, Henryk

Quality evaluation of certain pharmaceutic preparations
containing anthraderivatives of buckthorn bark (Rhamnus
frangula L.) Farmacja Pol 20 no. 3/4: 89-91 25 F '64.

1. Zaklad Lekow Galenowych, Instytut Lekow, Warszawa.
Kierownik: dr H. Ludwicki.

LIPINSKI, Boleslaw; HERMAN, Zofia; LUDWICKI, Henryk, dr;
DUDZIK, Zygmunt

Studies on the durability of certain pharmacopoeial
alkaloidal raw materials. Farmacja Pol 20 no. 11/12:
393-397 25 Je '64.

1. Department of Galenic Drugs, Institute of Drugs,
Warsaw. Head: dr. H. Ludwicki.

LUDWICKI, Henryk, dr; KŁOSOWSKI, Seweryn

Studies on the evaluation of pharmaceutical forms. Pt.

3. Farmacja Pol 20 no. 11/12:425-431 25 Je '64.

1. Department of Galenic Drugs, Institute of Drugs,
Warsaw. Head: dr H. Ludwicki.

LUDWICKI, Henryk, dr; HERMAN, Zofia

Studies on the evaluation of pharmaceutical forms. Pt. 2.
Farmacja Pol 20 no. 8:289-291 25 Ap '64.

1. Department of Galenic Drugs, Drug Institute, Warsaw.
Head: dr H.Ludwicki.

LUDWICZAK, Halina; PAWEŁA, Irena

Contribution to psittacosis in children according to our observations.
Pediat. pol. 37 no.9:953-956 S '62.

1. Z Kliniki Diagnostyki Chorob Dzieci AM w Warszawie Kierownik: prof.
dr med. Z. Lejmbach.

(ORNITHOSIS)

LUDWICZAK, Halina; NIZNIKOWSKA-MARKS, Janina; PRZYBYLSKA, Halina; ZMUDZKA,
Barbara

Pyelonephritis in children — selected problems dealing with the prognosis
and therapy. I. Pediat. pol. 37 no.10:1011-1022 0 '62.

1. Z Kliniki Diagnostyki Chorob Dzieci AM.Kierownik: prof. dr med.
Z. Lejmbach.

(PYELONEPHRITIS)

LUDWICZAK, Halina; NIZNIKOWSKA-MARKS, Janina; OKNINSKA, Anna; PRZYBYLSKA,
Halina

Pyelonephritis in infants. II. Pediat. pol. 37 no.10:1023-1028 0 '62.

1. Z Kliniki Diagnostyki Chorob Dzieci AM•Kierownik: prof. dr med.
Z. Lejmbach.

(PYELONEPHRITIS)

LUDWICZAK, Halina; NIENIKOWSKA-MARKS, Maria; SZOTOWA, Wanda

Chronic hypoproteinemia and gluten intolerance. (Observations
on a case of celiac disease). Pediat. pol. 38 no. 5:491-496
Maj '63.

I. Z Kliniki Diagnostyki Chorob Dzieci AM w Warszawie
Kierownik: prof. dr med. Z. Lejmbach.
(CELIAC DISEASE)

POLAND / Organic Chemistry. Natural Compounds
and Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77872.

Author : Ludwiczak, R. S. and Wrzeciono, U.

Inst : Not given.

Title : Investigation of the Chemical Constituents of
Inonotus Obliquus. I. Inotodiol.

Orig Pub: Roczniki Chem, 32, No 1, 3947 (1958) (in Polish
with summaries in German, English, and Russian).

Abstract: The alcohol extraction of 7.5 kg of the black
birch fungus Inonotus obliquus (30 liters, 3 days)
followed by concentration by evaporation, solution
in ether, and fractional crystallization has given
1.5 gm of a substance (I) with mp 191-193° (from
alc), ΔD_7^{25} 15D + 56° (c = 1; alc). Three gener-
al structures are possible for I:

Card 1/3

POLAND / Organic Chemistry. Natural Compounds and
Their Synthetic Analogs. G-3

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77872.

Abstract: cates the presence of double bonds. The hydro-
genation of DA I over Pt black gives diacetyl di-
hydro-I (III), mp 160-162° (from alc), $[\alpha]_{D}^{25}$ 16D
 \neq 58° (c = 1; chloroform). The quantitative
saponification of 29 mg III with 5 ml of
0.11123 N KOH in CH₃ OH yields dihydro I, mp
181.5-183.5° (from alc), $[\alpha]_{D}^{25}$ 17.5D \neq 49.4°
(c = 0.8 chloroform); a total of 6.166 mg KOH is
consumed, corresponding to 2 acetyl groups.
With Liebermann-Burchard *[spelling uncertain]* re-
agent, I gives a yellowish-green color; with the
Chugaev-Rosenheim reagent the reaction is nega-
tive. A precipitate is not obtained with dihit-
onine. A triterpenoid structure is proposed for
I. -- A. Krayevskiy.

Card 3/3

COUNTRY	: Poland	H-17
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	75772
AUTHOR	: Domagalina, E., <u>Ludwiczak, R. S.</u> , and Zyczynska, L	
INST.	: Not given	
TITLE	: Beta-Sitosterol from Tall Oil Produced in Poland	
ORIG. PUB.	: Przemysl Chem, 37, no 8, 540-542 (1958)	
ABSTRACT	: The importance of tall oil as a valuable industrial source of phytosterol is discussed. The physical properties of Polish ST Grade tall oil have been determined and a convenient method for the extraction of phytosterol, a raw material for the production of steroid hormones, and a method for the purification of beta-sitosterol are given. From authors' summary	
CARD:	1/1	

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LUDWICZAK, Rufina Stella; WRZECIONO, Urszula

Research on the chemical elements of *inonotus obliquus*. II. Lanosterol
(Lanostaridnol). Rocznik chemii 34 no.1:77-84 '60. (EEAI 10:9)

1. Zaklad Chemii Organicznej i Biologicznej Akademii Medycznej,
Poznan.

(Inonotus) (Lanosterol) (Lanostadienol)

S/081/62/000/023/039/120
B166/B101

AUTHORS: Bałoniak, Sylwester, Ludwiczak, Stella

TITLE: Transformations of certain nitroderivatives of phenyl-aminophthalimide and phthalophenylhydrazide acid induced by sulfuric acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 293, abstract 23Zh229 (Roczn. chem., v. 36, no. 3, 1962, 411-415 [Pol.; summaries in Russ., Eng., and Ger.])

TEXT: Heating N-(2,4-dinitrophenylamino)phthalimide (I) and phthalic mono-2,4-dinitrophenylhydrazide (II) with concentrated H_2SO_4 leads to the formation of 2-(2,4-dinitrophenyl)-phthalazinedi-1,4-one (III). Probably the transformation of II into III passes through the intermediate formation of I, this being demonstrated by the fact that I is produced from II at a lower reaction temperature. In the same way 2-(4-nitrophenyl)-phthalazinedi-1,4-one (V) can be produced from phthalic mono-4-nitrophenylhydrazide (IV). It was not found possible to convert N-(4-nitrophenylamino)-phthalimide (VI) into V or IV into VI. 10% NaOH is added to

Card 1/2

S/081/62/000/023/039/120
B166/B101

Transformations of certain...

20 g I and stirred until a solution forms, when II, $C_{14}H_{10}N_4O_7$, is precipitated with HCl (acid), yield 18.6 g, m.p. 267-268°C (decomposition). A mixture of 5g II and 40 ml concentrated H_2SO_4 is heated to 100°C, giving I, yield 4.2 g, melting point 272-274°C (decomposition; from CH_3COOH). The same procedure at 160°C gives III, $C_{14}H_8O_6N_4$, yield 0.6 g, m.p. 282-283°C (from CH_3COOH); the 4-acetyl derivative, $C_{16}H_{10}O_7N_4$, has m.p. 146-147°C (from alcohol). Heating 5 g I with concentrated H_2SO_4 to 160°C gives III, yield 0.6 g. 20 g VI are heated with an aqueous alcoholic Na_2CO_3 solution until solution formation, this is diluted with water and IV is precipitated with HCl (acid), yield 19 g, m.p. 241-243°C (from alcohol). A mixture of 5g IV and 40 ml concentrated H_2SO_4 is heated to 100°C, this gives V, $C_{14}H_9O_4N_3$, yield 0.8 g, m.p. 297-298°C (from CH_3COOH); the 4-acetyl derivative, $C_{16}H_{11}O_5N_3$, has m.p. 215-217°C (from CH_3COOH). [Abstracter's note: Complete translation.] ✓

Card 2/2

BALONIAK, Sylwester; LUDWICZAK, Rufina Stella

Transformation of certain nitroderivatives of phenylaminophthalimide
and of phthalphenylhydrazic acid under the influence of
sulfuric acid. Rocznik chemii 36 no.3:411-415 '62.

1. Zaklad Chemii Organicznej i Biologicznej, Akademia
Medyczna, Poznan.

LUDWICZAK, Rufina Stella; WRZECIONO, Urszula

Studies on the chemical elements of Inonotus obliquus. V. Further studies on the structure of inotodiol. Rocznik chemii 36 no.3:497-502 '62.

1. Zaklad Chemii Organicznej i Biologii, Akademia Medyczna, Poznan.

KEMPSKA, Klara; LUDWICZAK, Rufina Stella; WRZECIONO, Urszula

Research on the chemical components of *inonotus obliquus*. Pt.6.
Rocznik chemii 36 no.10:1453-1457 '62.

1. Institut fur Organische und Biologische Chemie, Medizinische
Akademie, Poznan.

LUDWICZAK, Rufina S.; WIEWIOROWSKI, Maciej

Jerzy Suszko. Nauka polska 11 no.6:57-61 '63.

1. Akademia Medyczna, Poznan, i Uniwersytet im. Adama Mickiewicza, Poznan.

LUDWICZAK, Rufina Stella; STACHOWIAK, Krystyna

Isolation of β -sitosterol from the horsetail weed *Equisetum arvense* L. Roczn chemii 37 no.5:575-579 163.

I. Zaklad Chemii Organicznej i Biologicznej, Akademia Medyczna,
Poznan.

Ludwig, Gy.

A device for the determination of self-resonant frequencies of swing systems with several masses. p.37

MERES ES AUTOMATIKA. (Mérstechnikai és Automatizálási Tudományos Egyesület)
Budapest, Hungary. Vol.7, no.2/3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

Diagnosis

HUNGARY

LUDWIG, Karoly, Dr. GARZULY, Ferenc, Dr, KADAS, Laszlo, Dr; Vas Megye Council "Markusovszky" Hospital, Department of Hematology (chief physician: ISTVAN, Lajos, Dr) and Pathological Anatomy (chief physician: KADAS, Laszlo, Dr) (Vas Megyei Tanacs "Markusovszky" Korhaz, Haematologial Osztaly es Korbonc-tani Osztaly).

"Weil's Disease Resulting in Death Caused by Renal Insufficiency."

Budapest, Orvosi Hetilap, Vol 107, No 34, 21 Aug 66, pages 1617-1619.

Abstract: [Authors' Hungarian summary] A case of leptospirosis is reported which had the clinical appearance of Weil's disease, was presumably caused by L. Saxkoebing, was confirmed by serological and histological tests and resulted in the death of the patient because of renal insufficiency. The importance of early treatment and of early diagnosis is pointed out and some diagnostic problems are discussed briefly. Of interest in the case is the demonstration of numerous leptospirae in the organs by means of Levatidin's silver impregnation method. 13 Eastern European, 5 Western references.

1/1

LUDWIG, Karoly, dr.; ZSAMBEKY, Pal, dr.; ISTVAN, Lajos, dr.

Hematologic and diagnostic aspects of our cases of systemic
lupus erythematosus (Based on a 4-year observation of 22
patients.). Orv. Hetil. 105 no. 23:1058-1063 Je 7 '64.

1. Orszagos Verellata Szolgatalat, Szombathelyi Alkozpon,
Vasmegyei Tanacs Markusovszky Korhaz, Haematologiai es
I. Belgyogyaszati Osztaly.

LUDWIG, N.

M

99

Draft Specification for the Impact Bend Testing of Zinc and Zinc Alloys.
N. Ludwig, *Viertall*, 1949, 3, (23/24), 421-424).—Complete details are given
of the new German draft specification DIN 50116, including: (1) nature and
object of the test, (2) the technique to be used in carrying out the tests and
the evaluation of the results, and (3) directions for producing the standard-
size test-pieces, which resemble those in the A.S.T.M. tentative specification
B90-38T (1938). Explanatory notes and references show that recent
German work on the impact testing of zinc-aluminium and zinc-aluminium-
copper alloys has been taken into account.—E. N.

Sept. 1952

LUDWIG, S.

Professional maritime training; its birth, changes, and the search for
proper forms. p. 21.

PRZEGLAD TECHNICZNY. (Naczelnna Organizacja Techniczna) Warszawa, Poland.
Vol. 80, no. 25, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 8, Aug. 1959.
Uncl.

LUDWIG, Stanislaw, mgr., Gdynia

Professional literature for harbor workers. Tech gosp morska 11
no. 7/8:226-229 '61. (EEAI 10:9/10)

(Harbors) (Workers) (Literature)

LUDWIG, Stanislaw, mgr., (Gdynia)

The kind of professional literature needed by port personnel. Tech
gosp morska 11 no.7/8:226-229 Jl-Ag '61.

LUDWIG, Stanislaw, mgr

Simplified way of lecturing on the fundamentals of astronavigation.
Tech gosp morska 13 no.4:105-106 Ap '63.

1. Wydawnictwo Morskie, Gdynia.

Journal of the American Physical Society

Volume 16 Number 11 November 1960

Double Injection in Zinc Sulfide

NOTE: Physica status solidi (b) 1, 1960, 100-104.

TOPIC TAGS: current density, semiconductor, double injection, bimolecular recombination, blocking contact, zinc sulfide

ABSTRACT: Measurements of the current-voltage characteristics of high-purity ZnS single crystals are presented. The current density is found to increase with increasing voltage, and the current-voltage characteristic is non-linear. The current density is found to decrease with increasing temperature.

L 37280-65

ACCESSION NR: AP4046696

thank Dr. H. Ortmann for his interest in the work, Dipl. Phys. G. Voigt for his interest-
Comments, and Dr. H. Hartmann for cultivating the single crystals of ZnS." Orig.
Art. has: 11 figures and 11 formulas.

INSTITUTION: Bereich Lumineszenzforschung - Physikalisch-Technisches Institut der
DDR-Akademie der Wissenschaften (Institute für Technische Physik der DDR)

COMMITTED: 07Jul64

ENCL: 16 SUB CODE: SS, MF

REF ID: SOV 000

OTHER: 124

L 24739-65 EWT(1)/EWP(m)/EWT(m)/EWA(d)/T/HCS(k)/EWA(l) Pd-1 IJP(c)

ACCESSION NR: AP5003061

1/10/57/64/000/012/0822/0827

14
15
16

AUTHOR: Ludwig, W.

TITLE: A large-surface gas flow counter fitted with multiple counter wires

SOURCE: Kernenergie, no. 12, 1964, 822-827

19

TOPIC TAGS: methane flow counter, beta particle counter, alpha particle counter, low activity particle counter

ABSTRACT: A description is given of a large-surface methane flow counter developed for routine measurements of activity in rain, drinking water and foodstuffs. The counter consists of a cylindrical assembly of radioactive α -particle emitters in a layer of minimum thickness. It can be operated with relatively low counter wire voltage ($U_H < 3$ kV); filled with gas mixtures, $U_H < 2$ kV; and operated as a GM counter tube, $U_H > 3$ kV and at an input sensitivity of the electronic counting device $> 10^4$ without using an additional lead. The electronic circuit was so designed that the background counting rate was reduced in such a way that the specific background counting rate was < 1 cpm per cm^{-2} .

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L 24739-65

ACCESSION NR: AP5003061

counting area in the β-plateau region after passing through 5 cm of lead. Counting rate vs. voltage as a function of counter wire thickness and counting gas mixture, together with graphs of the measuring time interval as a function of the source counting rate or the specific activity, suggest possible applications of the counter. (fig. art. 10, 12 figures, 7 formulas, one table.)

ASSOCIATION: Forschungsinstitut für Nichteisenmetalle, Freiberg/Sachsen
(Free State Research Institute for Nonferrous Metals)

DATE: 23Apr64

ENV'D: 0

ATT'D: 100 SF

PER SOV: 000

OTHER: GUS

ATT'D PRESS: 310'

LUDYANSKIY, E.A.

Use of anticholinesterase agents in the treatment of nervous diseases.
Sov. med. 27 no. 3: 84-87 Mr '64. (MIRA 17:11)

1. Neurologicheskaya otdeleniya (zav. E.A. Ludyanskiy) Vologodskoy oblastnoy bol'nitsy (glavnyy vrach V.P. Ruban).

LUDYANSKIY, E.A.

Role of trace reactions in the pathogenesis of recurrent erysipelas;
author abstract. Zhur.mikrobiol., epid. i immun. 27 no.8:107 Ag '56.
(MLRA 9:10)

1. Iz Izhevskogo meditsinskogo instituta.
(ERYSIPELAS)

LUDYANSKIY, E.A.

Combined treatment of acupuncture with simultaneous application of galvanic current. Vrach.delo no.2:187 P '59.
(MIRA 12:6)

1. Mediko-sanitarnaya chast' Izhevskogo metallurgicheskogo
zavoda.
(ELECTROTHERAPEUTICS) (NERVOUS SYSTEM--DISEASES) (ACUPUNCTURE)

LUDYANSKIY, E.A.

Nature of the phenomenon of transmission of sensation in
the conduction of acupuncture. Vop. kur., fizioter. i lech.
fiz. kul't. 28 no.5:419-421 S-0 '63. (MIRA 17:9)

1. Iz mediko-sanitarnoy chasti (glavnnyy vrach M.P. Dishel')
Izhevskogo mekhanicheskogo zavoda.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720005-3

LUDYANSKIY, E.A. (Izhevsk)

Clinical conference in Gorkiy on Chen-chiu therapy. Kaz. med. zhur.
no. 2:101-102 '61. (MIRA 14:4)

(ACUPUNCTURE)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720005-3"

LUDYGA, J.

Proper rolling of hexagonal bars. p. 5.
(HUTNIC, Vol. 24, No. 2, Feb. 1957, Katowice, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

STOKLOSA, Edmund; LUDYGA, Kornel

Effect of low frequency mechanical vibrations on the weight of growing rats. Postepy hig.med.dosw. 17 no.6:781-784 N-D'63.

1. Z Zakladu Anatomii Slaskiej AM w Zabrzu (kierownik: prof.dr. S.Kohmann) i z Centralnej Zwierzetarni Doswiadczałnej Slaskiej AM w Zabrzu (kierownik: inż.K.Ludyga).

*

LUDYNIA, Wladyslaw (Gdansk)

Main fishing grounds of the Polish fishing fleets. Czasop geograf
36 no.2:187-188 '65.

LYUDZEYEVSKI, Yezhi [Ludziejewski, Jerzy]; BYALKOVSKI, Yatsek [Bialkovski, Jacek].

Coincidence spectrometer with energy summing for low energy γ -rays.
Nukleonika 8 no.12:843-852 '63

1. Institut iadernykh issledovaniy, Varshava, Sverk.

AMBROZY, B.; FAUDROWICZ, A.; JASINSKI, A.; KOWNACKI, J.; LANCMAN, H.; LUDZIEJEWSKI, J.

Measurement of the mean life of the first excited state of Na^{23} .
Acta physica Pol 20 no.7:537-544 '61.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

ACCESSION NR: AP4016299

P/0046/63/008/012/0843/0852

AUTHOR: Ludziejewski, J. (Lyudzeyevski, Yezhi); Bialkowski, J. (Byalkovski, Yatsek)

TITLE: Scintillation spectrometer for soft gamma radiation, using the coincidence and summation methods

SOURCE: Nukleonika, v. 8, no. 12, 1963, 843-852

TOPIC TAGS: scintillation spectrometer, soft gamma radiation measurement, coincidence spectrometer, summation spectrometer, energy summing, linear summator

ABSTRACT: The principle and the design of a spectrometer for soft gamma radiation is described. The apparatus contains a saturable amplifier and a fast-coincidence circuit. The signals must be amplified, since only a portion of the electrons appears on the collector of a photo-electric multiplier, due to the relatively long emission time, 0.28 microseconds for NaI(Tl) during a coincidence of shorter duration. The advantage of the system is that the length of the signal waveform is stabilized and thus the resolution time of the coincidence circuit is independent of the energy level of incident gamma rays. Another feature of this system is summing circuit which counts, by way of generating pulses, only those particles which strike both crystals of the photomultiplier simultaneously. The spectrum
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ACCESSION NR: AP4016299

thus obtained does not include the COMPTON effect and consists of pure phot-peaks.. The entire system is shown and explained with the aid of a block diagram (fig. 1 of Enclosure 01). The fast-coincidence component operates in conjunction with a limiter and a feedback-stabilized amplifier-limiter, a cathode follower and a phase inverter. Through a discriminator and another cathode follower, the signal is transmitted to the slow-coincidence circuit. The linear amplitude summing circuit is designed with a difference amplifier, feedback-stabilized and with common plate loading. It is necessary to delay the pulses from the single-channel analyzer of amplitude up to 25 volts in order to avoid certain difficulties in the formation of "resolving" signals due to the superposition of these pulses on those from the fast-coincidence circuit. They are then properly amplified and transmitted to the filter circuit. The efficiency and resolving time of the fast-coincidence circuit are 100% and 24 sec. for gamma energy of about 50 KeV. In order to maintain the apparatus in operating condition for many hours, the stability of the photo-electric multiplier must remain constant; this requires water cooling, since change in temperature influences its amplification factor

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ACCESSION NR: AP4016299

most and considering that the photo-electric multiplier is the most sensitive component of the entire system.

"The authors wish to thank Mr. A. JASIN'SKI for his attentiveness and interest and Mr. P. LUSZCZYN'SKI for his assistance in setting up the apparatus."
Orig. art. contains 9 diagrams.

ASSOCIATION: Institut jadernykh issledovaniy, Warsaw-Swierk (Institute of Nuclear Research)

SUBMITTED: 15Jul63

DATE ACQ: 19Feb64

ENCL: 03

SUB CODE: GE, NS, SD

NO REF Sov: 003

OTHER: 008

Card 3/83

CZECHOSLOVAKIA/Zooparasitology - Helminths.

G.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67529

Author : Halasa, M., Luebke, R., Rosko, L.

Inst :

Title : The Spread of Fasciolerosis and Pulmonary Nematodes in the Sheep and Cattle of Slovakia, and Prospects of Combating Them.

Orig Pub : Veterin. casop., 1957, 6, No 4, 293-304.

Abstract : No abstract.

Card 1/1

LUEDERT, K.

LUEDERT, K. Problems connected with the construction of electric resistance furnaces.
Pt. 1. Encasement and thermoislation. p. 263.

Vol. 16, No. 11, Nov. 1956.
WIADOMOSCI ELEKTROTECHNICZNE
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, No. 2, Feb. 1957

LUEDERT, K.

Beuken's model and its application in electrothermal studies. p. 27.

POMIARY, AUTOMATYKA, KONTROLA. (Naczelnna Organizacja Techniczna)
Warszawa, Poland. Vol. 5, no.1, January 1959

Monthly list of East European Accession (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

LUETIC, P., BRIHTA, I.

Yugoslavia (436)

Science - Periodicals

Preparation of rosin-fumaric resins. p. 278.
ARHIV ZA KEMIJU. (Hrvatsko kemijsko drustvo i
Sekcija kemicara Drustva inzenjera i tehnicara
Hrvatske) Zagreb. (Quarterly of the Croatian
Chemical Society and the Chemical Section of the

East European Accessions List, Library of Congress,
Vol 2, No. 6, June 1953, Unclassified

"Card 1 of 2"

LUETIC, P., BRIHTA, I.

Yugoslavia (430)

(continued) Croatian Society of Engineers and
Technicians. Some articles written in English
or German. Summaries in English or other western
languages/. Vol. 23, no. 3/4, 1951.

East European Accessions List, Library of Congress,
Vol 2, No. 6, June 1953, Unclassified

"Card 2 of 2"

LUETIC, P.

Preparation of formaldehyde by oxidation of methane.
II. V. Luetic and T. Brihta. *Archiv Kem.* 24, 123-6 (1952) (English summary); cf. *C.A.* 46, 10092e.—Expts. were conducted on the oxidation of CH_4 by air to HCHO with a recirculation of the gases after the HCHO formed has been washed out. The influence of the ratio of fresh to recirculated gases on the yield of the HCHO was detd. At approx. the same consumption of HNO_3 and with an increase of the recirculation ratio of 1:10 to 1:60 the yield of HCHO rose from approx. 10% to 40%. The yield of HCHO (E) could be computed indirectly in fair agreement with the direct titrimetric detn. from the equation $E = [100(A - B)]/A$, where A and B are the amt. of inlet CH_4 in mole-% and the sum in mole-% of $\text{CH}_4 + \text{CO} + \text{CO}_2$ contained in the outlet gases, resp., per unit of N. III. *Ibid.* 127-30 (English summary).—Expts. were carried out in order to verify the data of 2 F.I.A.T. reports about the Hibernia Bergwerks-gesellschaft, Herne, Germany, process for the oxidation of CH_4 to HCHO . The reports claim a conversion of 25-30% and a yield of 90% of HCHO at a temp. of 100° and atm. pressure by oxidation with ozonized air or O over a $\text{BaO}-\text{Ag}_2\text{O}$ catalyst. However, the authors obtained no traces of HCHO in the temp. range of 100 to 300° . At higher temps. CO_2 is formed.

LUETIC, P.

Luetic, P. Brihta, I.

"Obtaining formaldehyde through oxidation of methane. III." p. 127.
(Arhiv Za Keju., Vol. 2⁴, 1952, Zagreb.)

SO: Monthly List of East European Acquisitions, Vol. 2, No. 9, Library of Congress, September
1953, Uncl.

LUETIC, P.

(2) 6
Problem and experiments of the production of fumaric acid.
B. Urtar and P. Luetic (*Kem. Industr., Zagreb*, 1953, 2, 40-42; 3, 69-71).—Various possibilities of obtaining fumaric acid by oxidation of furfuraldehyde and by biological processes are described and a report is given on recent experiments at the Zagreb Institute for Industrial Research. O. POTTER.

11-8-54
mark

LUETIC, P.

"Problem of obtaining acetylene from earth gases." p. 76. (KEMIJA U INDUSTRIJI, Vol. 2, no. 3, 1953, Zagreb.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

LUETIC, F.; ZERDIK, M

LUETIC, F.; ZERDIK, M. Carrotting rabbit and hare hairs without the use of agents containing mercury. p. 576

Vol. 4, No. 5, May 1955

TEKSTIL

TECHNOLOGY

Zagreb

So: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), Vol. 4, No. 9,
Sept. 1955

LUE-7/C, P.

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Industrial Organic Synthesis

I-1

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2160

Author : Brihta, I., Luetic, P., Vranjican, D.

Inst :

Title : Some Observations in Connection with the Preparation of
Tetrahydropyran from Furfurol.

Orig Pub : Kemiya u industriji, 1955, 4, No 6, 101-102

Abstract : Tetrahydropyran (I) was obtained from furfurol, over furfuryl alcohol (II), tetrahydrofurfuryl alcohol (III) and dihydropyran (IV). Hydrogenation of furfurol in the liquid phase took place in two stages: first at 150-175° and 100 atmospheres, II was obtained, then at 150° and 100 atmospheres, over a Ni-catalyst, III was formed. Conversion of III to IV took place in the liquid phase at 350°, with white bauxite from Rovin'ye serving as the catalyst. The IV thus obtained had a BP 86°, d²⁰ 0.920,

Card 1/2

Card 2/2

LUETIC, P.

LUETIC, P. Aromatic derivatives of petroleum.

Vol. 4, No.7, July 1955 KEMIJA U INDUSTRIJI

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3
March, 1956

YUGOSLAVIA/Chemical Technology - Chemical Products and Their Application. Industrial Organic Synthesis.

H-15

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58295
Author : Luetic Pavica
Inst : -
Title : Oxosynthesis (Hydroformulation).
Orig Pub : Kemija u industrije, 1956, 5, No 7, 136-141

Abstract : A description is given of the reaction of the extraction of aldehydes from olefins and CO and H₂ with a powder formation Co, formed with CO of carbonyl and hydrocarbonyl; the latter acts as an acid and aids the formation of the CH₂CH₂⁺ ion, to which CO is united, giving ketene and then aldehyde or alcohol. The rate of the reaction depends in the main on the partial pressure of CO and, at 110-120°, passes through the maximum at 8-12 at; at 110-140°, aldehydes are obtained; at a higher temperature, alcohols. The end atoms of the C-chain are

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001030720005-3" H-15
YUGOSLAVIA/Chemical Technology - Chemical Products and Their Application. Industrial Organic Synthesis.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58295

carbonylized the easiest; quaternary C atoms are not carbonylized at all; the conjugate bonds are more prone to hydrogenation. With the displaced ethylenes, the CHO group depending on the radical is united both to the end C atom and to the one near the radical.

Card 2/2

LUETIC, P.

The energies of activation of the catalytic dehydrogenation of primary and secondary alcohols. In English.

p. 93 (Croatica Chemica Acta. Vol. 28, no. 2, 1956. Zagreb, Yugoslavia)

Monthly Index of East European Accessions (EEAI) I.C. Vol. 7, no. 2,
February 1958

LUETIC, P.

Observations on the solubility of polyvinyl chloride in some solvents derived from
fusural. In English.

P. 125(Croatica Chemica Acta. Vol. 28, no. 2, 1956, Zagreb, Yugoslavia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

Luetić, P.

1 47 27
The catalytic activity of copper, silver, and gold in de-
hydrogenation. I. Brlić and P. Luetić (Inst. hid. istra-
živanja, Zagreb, Yugoslav). *Croat. Chem. Acta* 29, 410-
23 (1957) (in English).—HCO₂H at 130-80° and EtOH at
210-60° were dehydrogenated over Cu, Ag, and Au and the
respective activation energies were determined. The catalytic
mechanism appears not to be influenced solely by the free-
energy levels of the s-electrons in these metals. N. P.

LUETIC, P.

TECHNOLOGY

LUETIC, P. Powder metallurgy. p. 17

Vol. 5, no. 6, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass

ZESKOV, P.; GRCEVIC, N.; LIETIC, V.

Dumbbell ganglioneuroblastoma of the spine. Neuropsihijatrija 10
nal/285-98 '62.

1. Iz Klinike za djecje bolesti, Neuropatoloskog odjela Neurološko-
psihijskijske klinike i Kirurske klinike Medicinskog Fakulteta u
Zagrebu.

(GANGLIONEUROMA) (SPINAL CORD NEOPLASMS)

S

LUETIC, V.

Gluing of bones with artificial industrial resins. Lijecn. vjesn. 84
no.1:64-66 '62.

(FRACTURES ther) (RESINS)

[YUGOSLAVIA]

Dr V. LUETIC and Prof Dr T. BERITIC [Affiliation not given]

"Twist and Trauma."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 2, 1963; pp 190-191.

Abstract: Brief review of the anatomical and orthopedic reasons for the 5 types of knee and tibial injuries that may be sustained in dancing the twist. Two French and 2 US references.

[1/1]

[YUGOSLAVIA]

Dr Milan VIDOVIC and Dr Vlado LUETIC, Surgical Clinic of Medical Faculty of University (Kirurska klinika Medicinskog fakulteta Sveucilista,) Zagreb.

"Post-Phlebitic Syndrome."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 5, May 63; pp 511-516.

Abstract [English summary modified]: Review of principles of diagnosis and therapy, mainly medical: compression bandages, sympathetic block or oral sympatholytics (including low-dose long-term reserpine in small number of normotensive patients;) steroids per os or locally; heparin, hyaluronidase. Surgery when any vein valves are damaged and deep venous circulation is first found safe. Six Yugoslav, 42 Western ref's.

[1/1]

PASINI, Miram, dr.; JANJIC, Ivo, dr.; LUETIC, Vlado, dr.

Artificial pacemaker in the treatment of atrioventricular block.
Lijecn. vjesn. 87 no.2:205-209 F '65.

LUFEROV, K.

~~Take good care of machinery. Prof. -tekhn. obr. 13 no.8:8
Ag '56.~~ (MLRA 9:10)

1. Direktor uchilishcha mekhanizatsii sel'skogo khozyaystva No.
29, Belorusskaya SSR.
(Agricultural machinery)

LUFEROV, V.P.

Some data on the predacious behavior of Tendipedidae larvae. Dokl. AN
SSSR III no. 2:466-469 N '56. (MLRA 10:1)

I. Nauchno-issledovatel'skaya biologicheskaya stantsiya "Borok"
imeni N.A. Morozova Akademii nauk SSSR. Predstavлено akademikom Ye.N.
Pavlovskim.
(Rybinsk Reservoir--Diptera)

Luferov, V. P.

20-6-40/42,

AUTHOR: Luferov, V. P.

TITLE: The Nutrition of Ablabesmyia monilis L. Larvae (Diptera, Tendipedidae) (Pitaniya Ilichinok Ablabesmyia monilis L. (Diptera, Tendipedidae)).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 6, pp. 1036-1038 (USSR).

ABSTRACT: The larvae of Ablabesmyia monilis very numerous appaer among the shore-plants of inland water. According to their nutrition they are typical robbers. The author set himself the task to study the nutrition method, the composition of the nutrition and its quantitative characteristic at larvae of every stage of life. During the observations in the open water and in the laboratory it could be stated positively that the Ablabesmyia monilis larvae of the I. Larva-stage pass a plankton-stage and during the most of time stay in the water. Except the passive suspensing, as it is the case at Glyptotendipes (reference 4) the Ablabesmyia monilis larvae know to swim accomplishing that by vigorous bending of the body. Moreover, on the contrary to Glyptotendipes, they are able to sit down from time to time on the seaweed, to creep on it for a time and then to go back into the water. The reception of food takes place during their stay on the seaweed. Experiments show that the

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20-6-40/42
The Nutrition of Ablabesmyia monilis L. Larvae (Diptera, Tendipedidae).

nutrition only by protozoa guarantees a normal development of the larva. The seaweed alone does not suffice. The addition of the vegetable detritus increases the development. This surely depends on the number of bacteria in the detritus particles (references 5 and 6). The Ablabesmyia monilis larvae first in the II. stage begin to feed themselves robber-like. However, still now seaweed and detritus can be found within the gut. The larvae attack smaller Tendipedidae larvae of from the I. up to the III. stage and suck out the interior of which. The sucking-process takes place against a obstinate resistance of the victim. During the III. stage the robber-like characteristics further develop. Firstly the reception of detritus entirely stops and secondly to the sucking out of the victim is added the devouring of the latter, too. The larvae attack victims, which they perceive in a distance of from 1 - 1,5 m. To the new nutrition now also obtain oligochaetes, more primitive crustaceae and larger tendipedes. The nutrition of the IV. stage is not different from that one of the III. By Ablabesmyia monilis larvae, the reception of food ceases late, about 4 - 5 hours before the pupation. The increase of temperatures to the reception of food is useful, probably 20° are near to the optimum temperature. At 5° the Ablabesmyia monilis larvae of every stage of life arrive

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20-6-40/42

The Nutrition of Ablabesmyia monilis L. Larvae (Diptera,
Tendipedidae).

at the stage of "anabiosis". Thereby they are nearly immobile and do not take any nutrition. With a further decrease of temperature down to 0° they are ice-bound. After the thawing the larvae were alive, and they have intensely got in motion. In the frozen earth nearly no larvae were found. The freezing of the Tendipedidae into the ice was already mentioned by various authors (references 2, 3 and 7).

There are 1 table and 7 Slavic references.

ASSOCIATION: Institute of Water Reservoirs Biology AS USSR (Institut biologii vodokhranilishch Akademii nauk SSSR).

PRESENTED: July 3, 1957, by Ye. N. Pavlovskiy, Academician.

SUBMITTED: June 26, 1957.

AVAILABLE: Library of Congress.

Card 3/3

LUFEROV, V. P., Candidate of Biol Sci (diss) -- "Investigation of the biology
of the predatory larvae of Tendipedidae (Diptera) of the Rybinsk reservoir".
Yaroslavl', 1958. 19 pp (Yaroslavl' Pedagogical Inst im K. D. Ushinskij), 200
copies (KL, No 20, 1959, 111)

AUTHOR:

Luferov, V. P.

20-119-6-49/56

TITLE:

The Influence of Temperature Upon the Gas Exchange of the
Larvae of Some Pelopiinae (Tendipedidae, Diptera)
Vliyaniye
temperatury na gazoobmen lichinok nekotorykh Pelopiinae
(Tendipedidae, Diptera))

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6,
pp. 1229 - 1232 (USSR)

ABSTRACT:

The velocity of oxygen consumption is a direct index of the intensity of gas exchange. The author performed experiments concerning the subject mentioned in the title at Procladius nigriventris, Prshoreus and Ablabesmiya monilis. For this purpose served a microrespirometer, which was mounted in an aquarium thermostat filled with water. The intensity of respiration was investigated at 5, 10, 15, 20, 25, 30 and 33°C. The oxygen content amounted to 6 - 8 mg/l. Every experiment lasted 24-26 hours. Abstaining from food does not considerably influence the intensity of respiration after 48 hours. The larvae of both Procladius species, on the one hand, and those of Ablabesmiya, on the other hand, live in two different biotopes, however, in spite of that they hardly differ from each other

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The Influence of Temperature Upon the Gas Exchange of 20-119-6-49/56
the Larvae of Some Pelopiinae (Tendipedidae, Diptera)

with respect to the intensity of respiration. The experiments showed that the respiratory rhythms are directly dependent on the thermal conditions, and are most distinctly marked at optimum or approximately optimum temperatures. At 20° and 25°C a 24-hours alimentary rhythm is produced in A. monilis, which proceeds parallel to the respiratory rhythm. In Procladius no alimentary rhythm was observed. There are 3 figures and 5 references, 4 of which are Soviet.

ASSOCIATION: Institut biologii vodokhranilishch Akademii nauk SSSR (Institute of the Biology of Water Reservoirs, AS USSR)

PRESENTED: January 29, 1958, by I. I. Shmal'gauzen, Member, Academy of Sciences, USSR

SUBMITTED: January 28, 1958

Card 2/2

LUFEROV, V.P.

Vertical distribution of tendipedid larvae (Diptera) on submerged
trees. Biul. Inst. biol. vodokhran. no.12:35-38 '62. (MIRA 16:3)

1. Institut biologii vodokhranilishch AN SSSR.
(Rybinsk Reservoir—Chironomidae)

LUFEROV, V.P.

Biotopes of the flooded forests of Rybinsk Reservoir and their fauna.
Vop. ekol. 5:119-121 '62. (MIRA 16:6)

1. Institut biologii vodokhranilishch AN SSSR, Borok.
(Rybinsk Reservoir region--Freshwater fauna)

LUFEROV, V.P.

Epibiotic fauna of submerged forests of Rybinsk Reservoir. Trudy
Inst. biol. vnutr. vod no.6:123-129 '63.

(MIRA 18:1)

ACC NR: AP6029018

SOURCE CODE: UR/0413/66/000/014/0021/0021

INVENTOR: Chalykh, S. N.; Kafarov, V. V.; Vigdorov, A. S.; Savost'yanov, N. I.;
Gromova, I. I.; Podgorbunskikh, M. T.; Kolesnikov, A. S.; Luferov, V. Ye.

3

ORG: none

TITLE: Preparation of salts of dithiocarbamic acid derivatives. Class 12, No.
183735. [announced by Scientific Research Institute of Organic Intermediates and
Dyestuffs (Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i
krasiteley)]

SOURCE: Izobret prom obraz tav zn, no. 14, 1966, 21

TOPIC TAGS: sodium dithiocarbamate, alkyl dithiocarbamate, dialkyl dithiocarbamate,
carbamic acid, organic saltABSTRACT: Usually, salts of dithiocarbamic acid derivatives of the general
formula:(where R₁ and R₂ are CH₃ or C₂H₅; M is Na) are obtained by the
reaction of carbon disulfide with a solution of an amine in the pre-
sence of alkalies. To improve the technological process and to in-
crease the yield and quality of the final product, the process is
carried out in dilute solutions of amines with a 5% excess of CS₂

Card 1/2

UDC: 547.496.2.07

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720005-3

ACC-NR: AP6029018

at 25-45°C in the presence of surfactants with subsequent removal
of CS₂ in vacuo (350 mm Hg). [WA-50; CBE No. 11]

SUB CODE: 07 / SUBM DATE: 21Jun65 /

Card 2/2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720005-3"

LUFEROVA, L.A.

Methods of studying the effect of currents on aquatic invertebrates.
Vop. ekol. 4:128-129 '62. (MIRA 15:11)

1. Institut biologii vodokhranilishch, Borok.
(Zooplankton) (Ocean currents)

LUFEROVA, L.A.

Formation of zooplankton in Gorkiy Reservoir. Trudy Inst. biol.
vnutr. vod no.6:130-142 '63. (MIRA 18:1)

LJUBEROVA, L.A.

Device for studying the effect of flow on aquatic invertebrates.
Biul. Inst. biol. vodokhran. no.12:62-64 '62. (MIRA 16-3)

1. Institut biologii vodokhranilishch AN SSSR.
(Freshwater fauna) (Invertebrates)